



S&H Form: PTO/SB/05 (2/01)

ſ	•	UTILITY	Attorney Docket No. 826.1768							
		PATENT APPLICATION	First Named Inventor or Application Identifier:							
ļ		TDANIONITTAL	Yoichi OlKAWA							
-		TRANSMITTAL								
		(Only for original applications)	Express Mail Label No.							
	See I	APPLICATION ELEMENTS MPEP chapter 600 concerning utility patent	ADDRESS TO: Assistant Commissioner for Patents							
ļ	000,	application contents.	Box Patent Application							
ŀ	1. 🛛 Fee	e Transmittal Form	Washington, DC 20231							
1	2. Specification, Claims & Abstract[Total Pages: 34]									
	2. Specification, Claims & Abstract[Total Fages34_] 3. Drawing(s) (35 USC 113)									
	S.									
}	4. ☑ Oath or Declaration									
		Signed statement attached deleting inver	ntor(s) named in the prior application,							
1	see 37 CFR 1.63(d)(2) and 1.33(b).									
Partie Ma	_	5. Verified Statement Claiming Small Entity Status								
F111		5. Application Data Sheet. See 37 C.F.R. 1.76								
mit tink tink than		7. CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)								
		Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. ☐ Computer Readable Form (CRF)								
b. Specification Sequence Listing on:										
fan 6		i. ☐ CD-ROM or CD-R (2 copies); or II. ☐ paper								
-		Statement verifying identity of above copies								
#		CCOMPANYING APPLICATION PARTS 9. Assignment (cover sheet & document(s)) to Fujitsu Limited of Kawasaki, Japan								
age and	\boxtimes	☑ for publication of assignee information under 37 CFR 1.215(b)								
Silver I	10. 🔲 37 CF	☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney								
	11. English Translation Document (if applicable)									
ė.	12. Information Disclosure Statement (IDS)/PTO-1449									
	13. Preliminary Amendment									
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)										
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)										
	16. Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form									
١	PTO/SB/35 or its equivalent 17. Other:									
18. CORRESPONDENCE ADDRESS										
	21171 PATENT TRADEMARK OFFICE									
1										

Application Number FIETRANSMITTAL Application Number Filing Date November 7, 2001				ŗ				S&H Form (2/01)				
Filing Date November 7, 2001			Attorney Docket No. 826.1768									
AMOUNT ENCLOSED \$ 1116.00 First Named Inventor Yoichi OlKAWA FEE CALCULATION (fees effective 10/01/100) CLAIMS (1) FOR (2) NUMBER (3) NUMBER EXTRA (4) RATE (5) CALCULATIONS TOTAL CLAIMS 9 - 20 =		FEE TRANSMITTA										
CLAIMS												
TOTAL CLAIMS 9 - 20 = 0		First Na	med In	ventor	Yoic	hi OIKAWA						
TOTAL CLAIMS 9 - 20 = 0 X\$ 18.00 = \$ 0.00 INDEPENDENT 7 - 3 = 4 X\$ 84.00 = 336.00 CLAIMS MULTIPLE DEPENDENT CLAIMS (any number; +\$280.00 = if applicable) BASIC FILING 740.00 FEE Total of above \$ 1076.00 Calculations = Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f)) (§130.00) Reduction by 50% for filing by small entity (37 CFR 1.27). TOTAL FILING \$ 1076.00 FEE Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d)) Recordation of Assignment (\$40.00; 37 CFR 1.21(h)) 40.00 TOTAL FEES \$ 1116.00 DUE = TOTAL FEES \$ 1116.00 DUE = TOTAL FEES DUE" to the Deposit Account No. below. No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date). GENERAL AUTHORIZATION If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPS under 37 CFR 1.36(d)) to maintain pendency hereof or of any such related application, Janes D. Halsey, Ur. Reg. No. 22,729 Signature Date Movember 7, 2001												
INDEPENDENT 7 - 3 = 4	CLAIMS	(1) FOR				(4) RATE		(5) CALCULATIONS				
CLAIMS MULTIPLE DEPENDENT CLAIMS (any number;		TOTAL CLAIMS	9 - 20 =	0		X \$ 18.00 =		\$ 0.00				
MULTIPLE DEPENDENT CLAIMS (any number; if applicable) BASIC FILING 740.00 FEE		_ · · · - · · · · · · · · · · · · · · ·	7 - 3 =	4		X \$ 84.00 =		336.00				
FEE		1	DENT CLAIMS	(any number; + \$280.00 =								
Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f)) (\$130.00) Reduction by 50% for filing by small entity (37 CFR 1.27). TOTAL FILING \$ 1076.00 FEE = Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d)) Recordation of Assignment (\$40.00; 37 CFR 1.21(h)) 40.00 TOTAL FEES \$ 1116.00 DUE = METHOD OF PAYMENT Check enclosed as payment. Charge "TOTAL FEES DUE" to the Deposit Account No. below. No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date). GENERAL AUTHORIZATION If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: Deposit Account No. 19-3935 Deposit Account		BASIC FILING										
(\$130.00) Reduction by 50% for filing by small entity (37 CFR 1.27). TOTAL FILING \$ 1076.00 FEE = Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d)) Recordation of Assignment (\$40.00; 37 CFR 1.21(h)) 40.00 TOTAL FEES \$ 1116.00 DUE = METHOD OF PAYMENT Check enclosed as payment. Charge "TOTAL FEES DUE" to the Deposit Account No. below. No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date). GENERAL AUTHORIZATION If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: Deposit Account No. 19-3935 Deposit Account Name STAAS & HALSEY LLP The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application SUBMITTED BY: STAAS & ALSEY LLP												
TOTAL FILING FEE = Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d)) Recordation of Assignment (\$40.00; 37 CFR 1.21(h)) METHOD OF PAYMENT Check enclosed as payment. Charge "TOTAL FEES DUE" to the Deposit Account No. below. No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date). GENERAL AUTHORIZATION If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: Deposit Account No. 19-3935 Deposit Account Name STAAS & HALSEY LLP The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application. SUBMITTED BY: STAAS & ALL SEY LLP Typed Name James D, Hasen, Jr. Reg. No. 22,729 November 7, 2001												
Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d)) Recordation of Assignment (\$40.00; 37 CFR 1.21(h)) METHOD OF PAYMENT Check enclosed as payment. Charge "TOTAL FEES DUE" to the Deposit Account No. below. No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date). GENERAL AUTHORIZATION If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: Deposit Account No. Deposit Account No. 19-3935 STAAS & HALSEY LLP The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application SUBMITTED BY: STAAS & HALSEY LLP Typed Name James D, Halsey, Ur. Reg. No. 22,729 Signature Date November 7, 2001		Reduction by 50%	for filing by small	Il entity (37								
Recordation of Assignment (\$40.00; 37 CFR 1.21(h))				, , , , , , , , , , , , , , , , , , , ,			3	\$ 1076.00				
Recordation of Assignment (\$40.00; 37 CFR 1.21(h)) TOTAL FEES \$ 1116.00 DUE = METHOD OF PAYMENT Check enclosed as payment. Charge "TOTAL FEES DUE" to the Deposit Account No. below. No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date). GENERAL AUTHORIZATION If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: Deposit Account No. 19-3935 Deposit Account Name STAAS & HALSEY LLP The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application. SUBMITTED BY: STAAS & HALSEY LLP	Surcharge for filing non-English language application (\$130.00;											
METHOD OF PAYMENT ☐ Check enclosed as payment. ☐ Charge "TOTAL FEES DUE" to the Deposit Account No. below. ☐ No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date). ☐ GENERAL AUTHORIZATION ☐ If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: ☐ Deposit Account No. ☐ Deposit Account Name ☐ The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application ☐ SUBMITTED BY: STAAS & HALSEY LLP ☐ Typed Name ☐ James D. Halsey, Jr. ☐ Reg. No. 22,729 ☐ Signature ☐ Date ☐ November 7, 2001			signment (\$40.00	; 37 CFR	1.21(h))		40.00				
Check enclosed as payment. Charge "TOTAL FEES DUE" to the Deposit Account No. below. No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date). GENERAL AUTHORIZATION If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: Deposit Account No. Deposit Account Name STAAS & HALSEY LLP The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CPAs under 37 CFR 1.53(b)) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application. SUBMITTED BY: STAAS ANALSEY LLP Typed Name James D, Hasen, Jr. Reg. No. 22,729 Signature Date November 7, 2001						\$ 1116.00						
Charge "TOTAL FEES DUE" to the Deposit Account No. below. No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date). GENERAL AUTHORIZATION If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: Deposit Account No. 19-3935 Deposit Account Name STAAS & HALSEY LLP The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application SUBMITTED BY: STAAS & HALSEY LLP Typed Name James D. Halsey, Jr. Reg. No. 22,729 Signature Date November 7, 2001												
Charge "TOTAL FEES DUE" to the Deposit Account No. below. No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date). GENERAL AUTHORIZATION If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: Deposit Account No. 19-3935 Deposit Account Name STAAS & HALSEY LLP The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application SUBMITTED BY: STAAS & HALSEY LLP Typed Name James D. Halsey, Jr. Reg. No. 22,729 Signature Date November 7, 2001												
No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date). GENERAL AUTHORIZATION If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: Deposit Account No. 19-3935 Deposit Account Name STAAS & HALSEY LLP The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application. SUBMITTED BY: STAAS & HALSEY LLP Typed Name James D, Hasey, Ur. Reg. No. 22,729 Signature Date November 7, 2001	☐ Charg	• •										
GENERAL AUTHORIZATION If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: Deposit Account No. Deposit Account Name STAAS & HALSEY LLP The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application SUBMITTED BY: STAAS & HALSEY LLP Typed Name James D. Halsey, Jr. Reg. No. 22,729 Signature Date November 7, 2001	Mono	No payment is analoged and no charges to the Danceit Account are guitherized at this time										
If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: Deposit Account No. Deposit Account Name STAAS & HALSEY LLP The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application. SUBMITTED BY: STAAS & HALSEY LLP Typed Name James D. Halsey, Jr. Reg. No. 22,729 Signature Date November 7, 2001					171000	ant are at	31110112	ed at this time				
authorized to credit any overpayment or charge any additional fees necessary to: Deposit Account No. Deposit Account Name STAAS & HALSEY LLP The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application SUBMITTED BY: STAAS & HALSEY LLP Typed Name James D. Halsey, Jr. Reg. No. 22,729 Signature Date November 7, 2001			<u> </u>	- <u>-</u>								
authorized to credit any overpayment or charge any additional fees necessary to: Deposit Account No. Deposit Account Name STAAS & HALSEY LLP The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application SUBMITTED BY: STAAS & HALSEY LLP Typed Name James D. Halsey, Jr. Reg. No. 22,729 Signature Date November 7, 2001	☑ If the	above-noted "AMOUN	NT ENCLOSED"	is not con	ect, th	e Commi	ssione	r is hereby				
Deposit Account Name STAAS & HALSEY LLP The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application. SUBMITTED BY: STAAS & HALSEY LLP Typed Name James D. Halsey, Jr. Reg. No. 22,729 Signature Date November 7, 2001		rized to credit any ove	erpayment or cha	arge any a	ddition	al fees ne	ecessa	ary to:				
The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application. SUBMITTED BY: STAAS & HALSEY LLP Typed Name James D. Halsey, Jr. Reg. No. 22,729 Signature Date November 7, 2001												
required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application. SUBMITTED BY: STAAS & HALSEY LLP Typed Name James D. Halsey, Jr. Reg. No. 22,729 Signature Date November 7, 2001		Deposit Account Na	me STAAS &	HALSEY	LLP]						
SUBMITTED BY: STAAS & HALSEY LLP Typed Name James D. Halsey, Jr. Reg. No. 22,729 Signature Date November 7, 2001	required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any											
Typed Name James D. Halsey, Jr. Reg. No. 22,729 Signature Date November 7, 2001												
Signature Date November 7, 2001						Reg. N	lo.	22,729				
		1 (1)					İ					
	© 2001 Staas & Halsey LLP											